

MARICOPA COUNTY INFLUENZA SUMMARY UPDATE

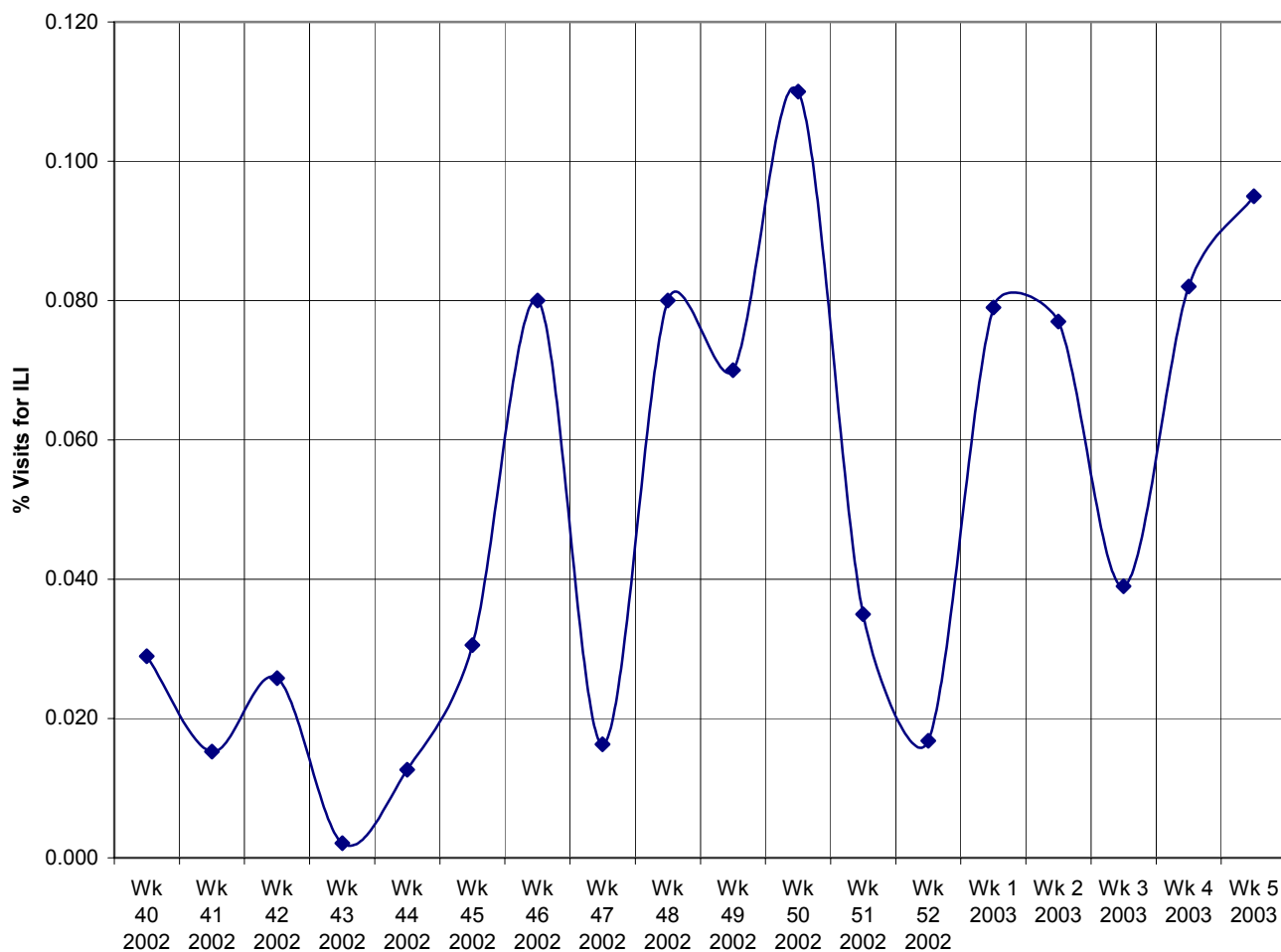
Week ending February 1, 2003-Week 5

Synopsis: During week 5 (January 26, 2003-February 1, 2003), 8 laboratory tested specimens were positive for influenza. The proportion of patient visits to Cigna Health Care facilities*** for influenza-like-illness (ILI) was 0.095%, which is less than the national baseline of 1.9%. Long Term care surveillance indicated insignificant influenza activity. Influenza mortality surveillance was unavailable for week 5. The overall percentage of ER visits for ILI was 0.43%. The overall percentage of school absences due to ILI was 4.76%.

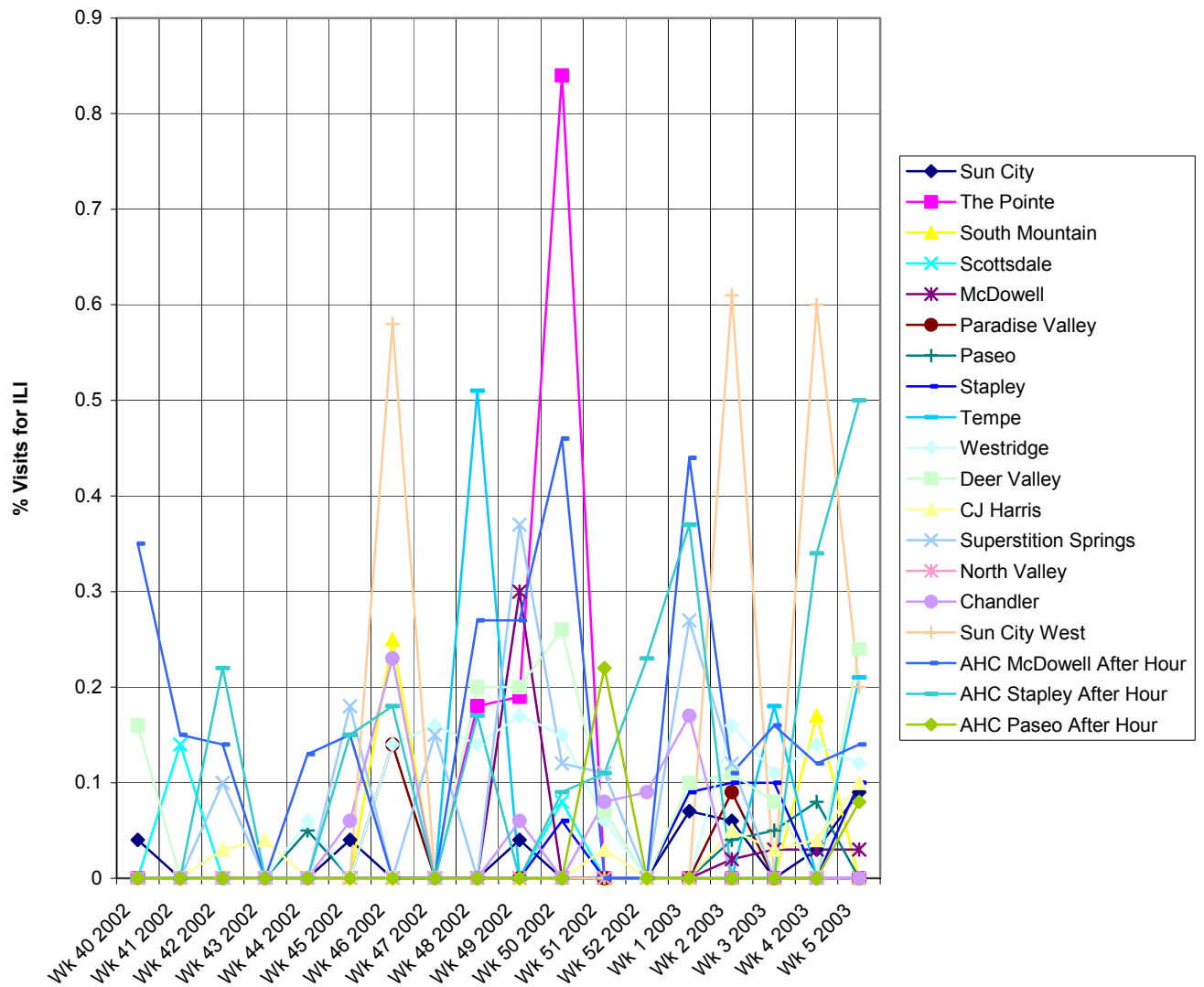
Laboratory Surveillance: Seven culture confirmations for Influenza Type A, and one culture confirmation for Influenza Type B.

Influenza-like Illness Surveillance *: During week 5, 0.095% of patient visits to Cigna Health Care facilities were due to ILI.

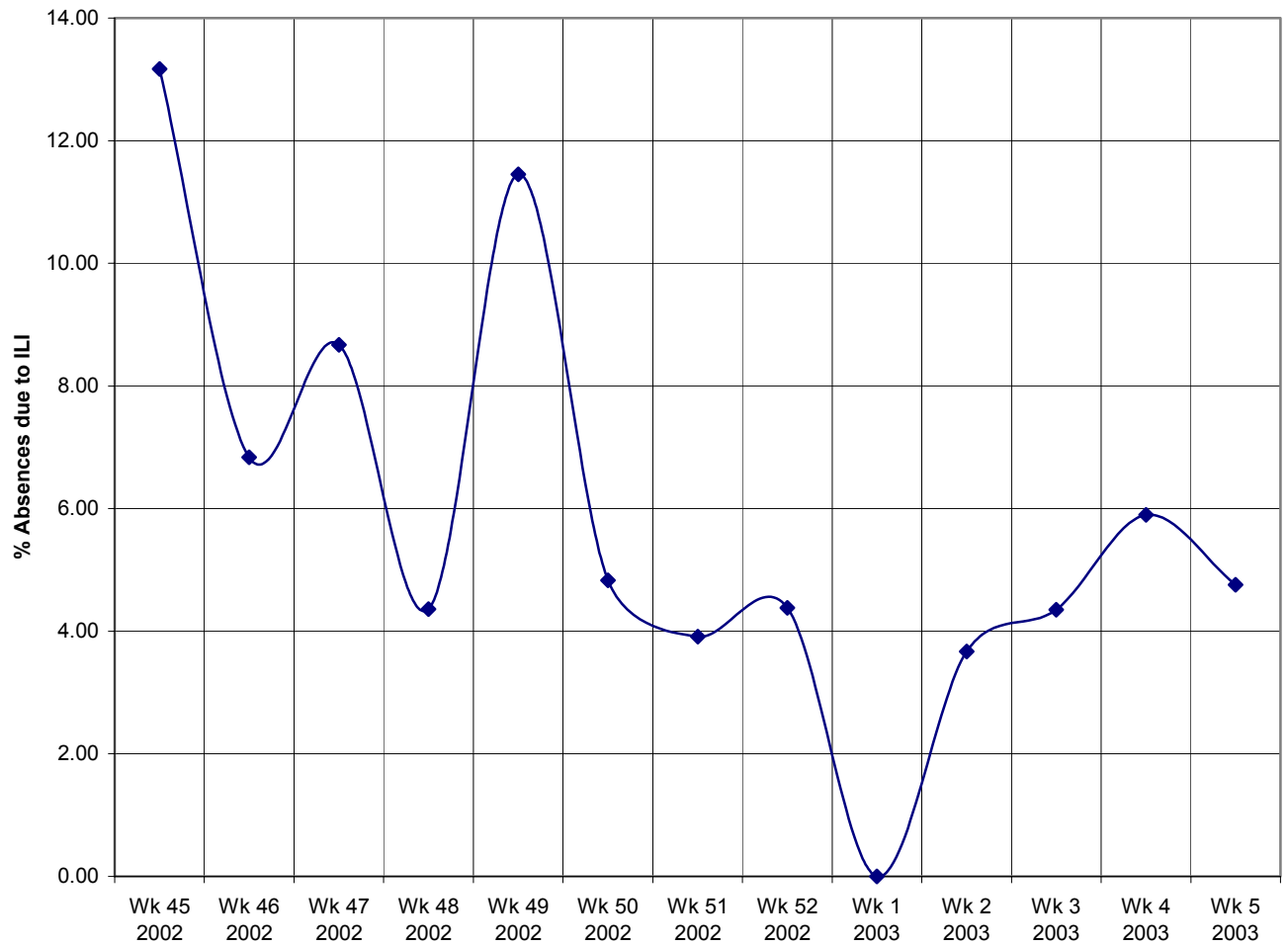
**Overall Percentage of Visits for Influenza-like Illness at Cigna Facilities, Maricopa County
Summary 2002-2003**



**Percentage of Visits for Influenza-like Illness at Cigna Facilities, Maricopa County Summary
2002-2003**



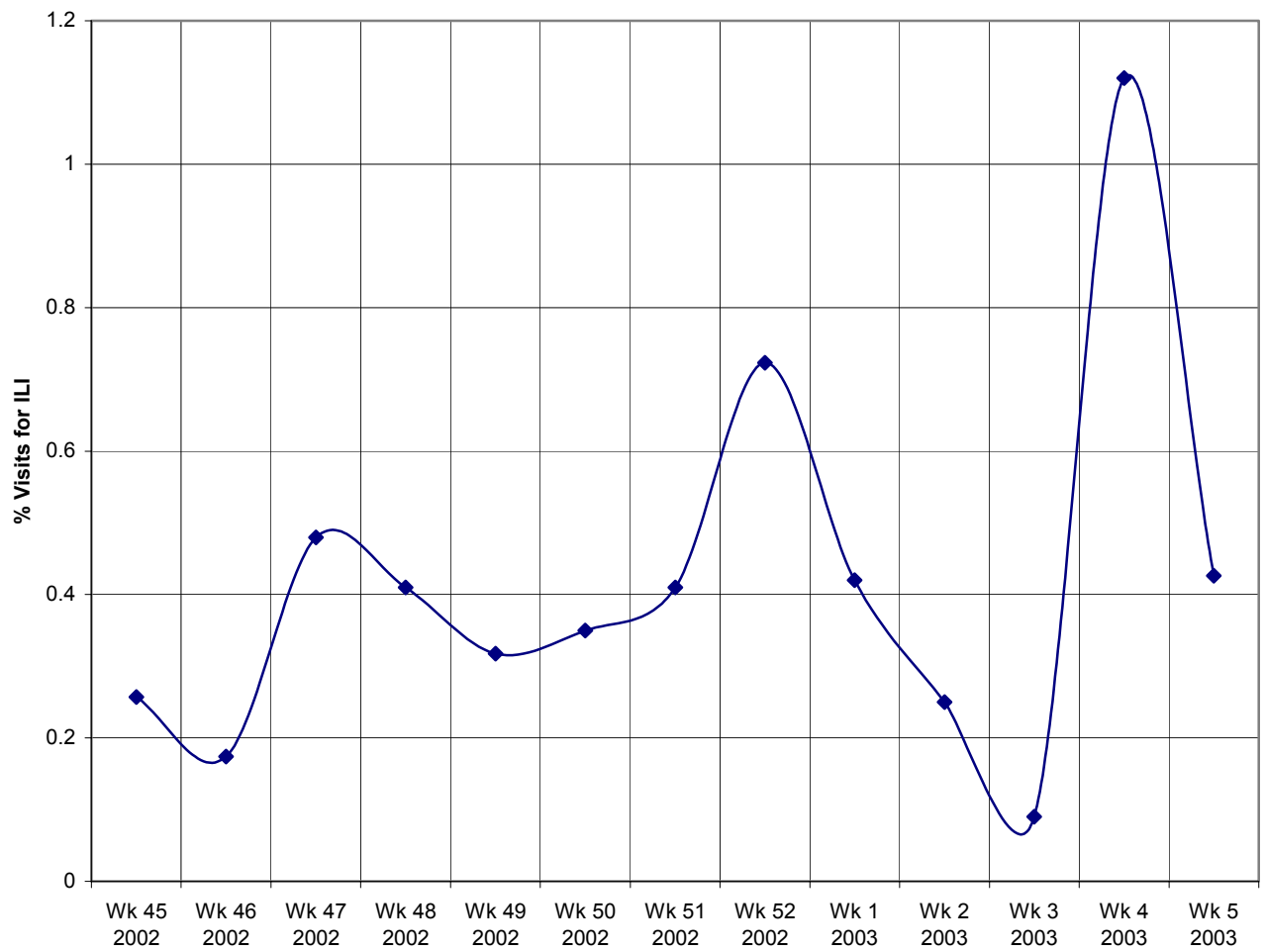
**Overall Percentage of School Absences due to Influenza-like Illness, Maricopa County
Summary 2002-2003**



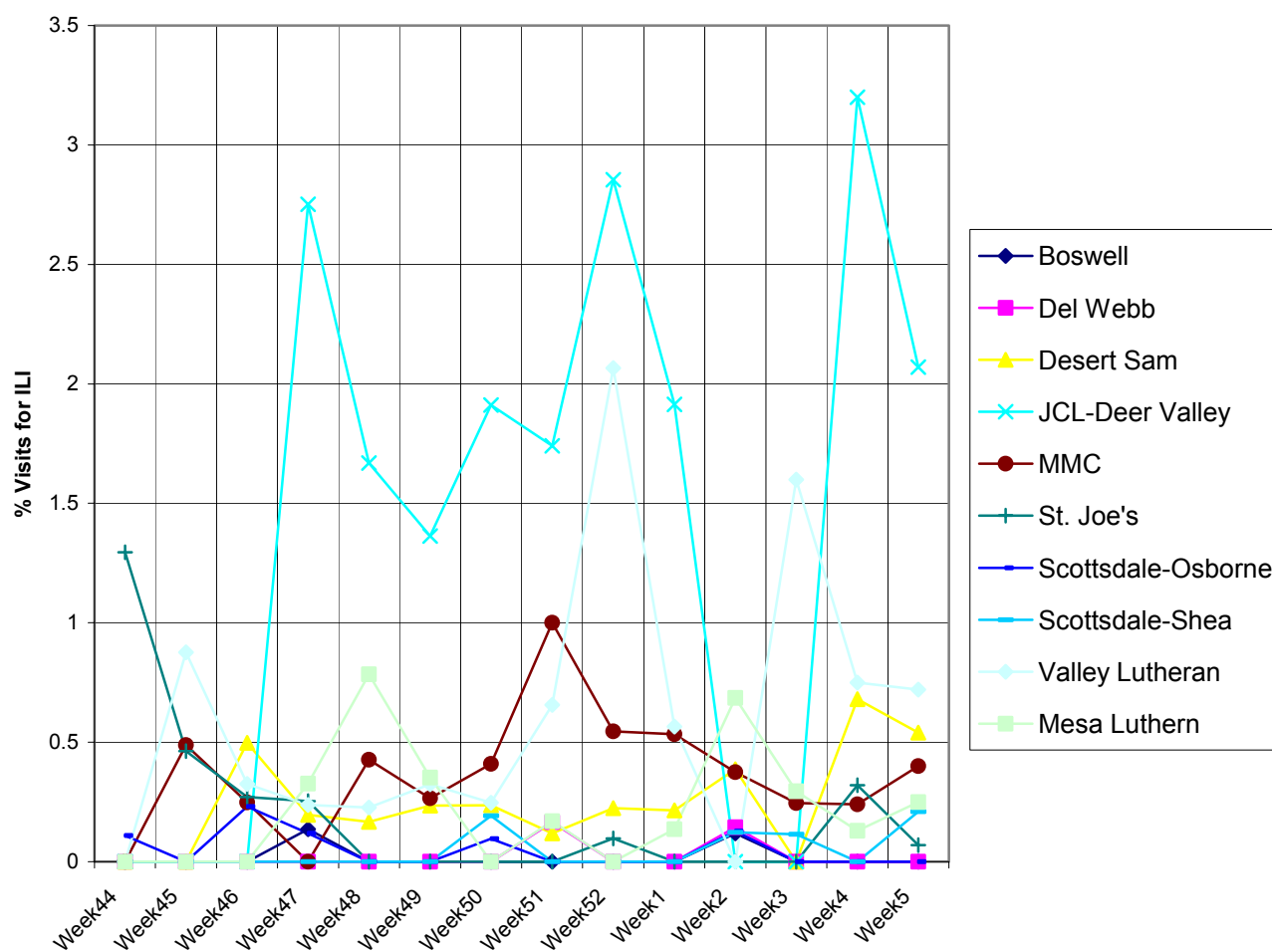
The graph displays the percentage of absences due to Influenza-Like Illness (ILI) for 13 schools over a period of 12 weeks. The y-axis represents the percentage of absences, ranging from 0.00 to 50.00 in increments of 5.00. The x-axis represents time in weeks, from Week 44, 2002 to Week 5, 2003. The schools are represented by different colored lines and markers. Barry Goldwater HS (dark blue line with diamond markers) shows a significant peak of approximately 46% in Week 50, 2002. Other schools show much lower peaks, generally below 20%. The data for each school is as follows:

Week	Barry Goldwater HS	Deer Valley-Desert Mt	Deer Valley-Hillcrest MS	Deer Valley-Mirage Elem	Deer Valley-Legend Springs	Madison-Madison MS	Madison-Richard Simis Elem	Mesa-Taylor JHS	Mesa-Bush Elem	Park Meadows Elem	Tempe-Gilliand	Tempe-Thew	Tempe-Wood	Village Meadows
Wk 44 2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wk 45 2002	0.00	0.00	0.00	16.00	0.00	0.00	0.00	11.00	0.00	0.00	0.00	0.00	0.00	12.00
Wk 46 2002	0.00	0.00	0.00	10.00	0.00	2.50	0.00	10.50	0.00	0.00	0.00	0.00	0.00	10.00
Wk 47 2002	0.00	0.00	7.50	10.00	0.00	2.50	0.00	10.50	0.00	0.00	0.00	0.00	0.00	7.50
Wk 48 2002	0.00	0.00	13.00	19.50	0.00	1.50	0.00	13.50	0.00	0.00	0.00	0.00	0.00	3.50
Wk 49 2002	0.00	0.00	7.50	7.50	0.00	0.00	0.50	9.50	0.00	0.00	0.00	0.00	0.00	0.00
Wk 50 2002	46.00	0.00	12.50	18.00	0.00	2.50	1.00	17.50	0.00	0.00	0.00	0.00	0.00	5.00
Wk 51 2002	0.00	0.00	12.00	16.00	0.00	2.50	1.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00
Wk 52 2002	0.00	0.00	9.00	9.00	0.00	1.50	0.00	9.50	0.00	0.00	0.00	0.00	0.00	2.50
Wk 1 2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
Wk 2 2003	0.00	0.00	0.00	0.00	0.00	0.50	0.00	12.00	9.50	0.00	0.00	0.00	0.00	2.50
Wk 3 2003	0.00	0.00	5.50	10.00	0.00	0.50	1.50	12.50	15.50	0.00	0.00	0.00	0.00	2.50
Wk 4 2003	0.00	0.00	12.00	15.50	0.00	0.50	0.50	15.50	15.50	0.00	0.00	0.00	0.00	1.50
Wk 5 2003	0.00	0.00	0.00	14.50	0.00	0.00	0.00	13.50	14.50	0.00	0.00	0.00	0.00	1.50
Wk 6 2003	0.00	0.00	12.50	16.00	0.00	2.00	0.00	17.50	16.00	0.00	0.00	0.00	0.00	1.00

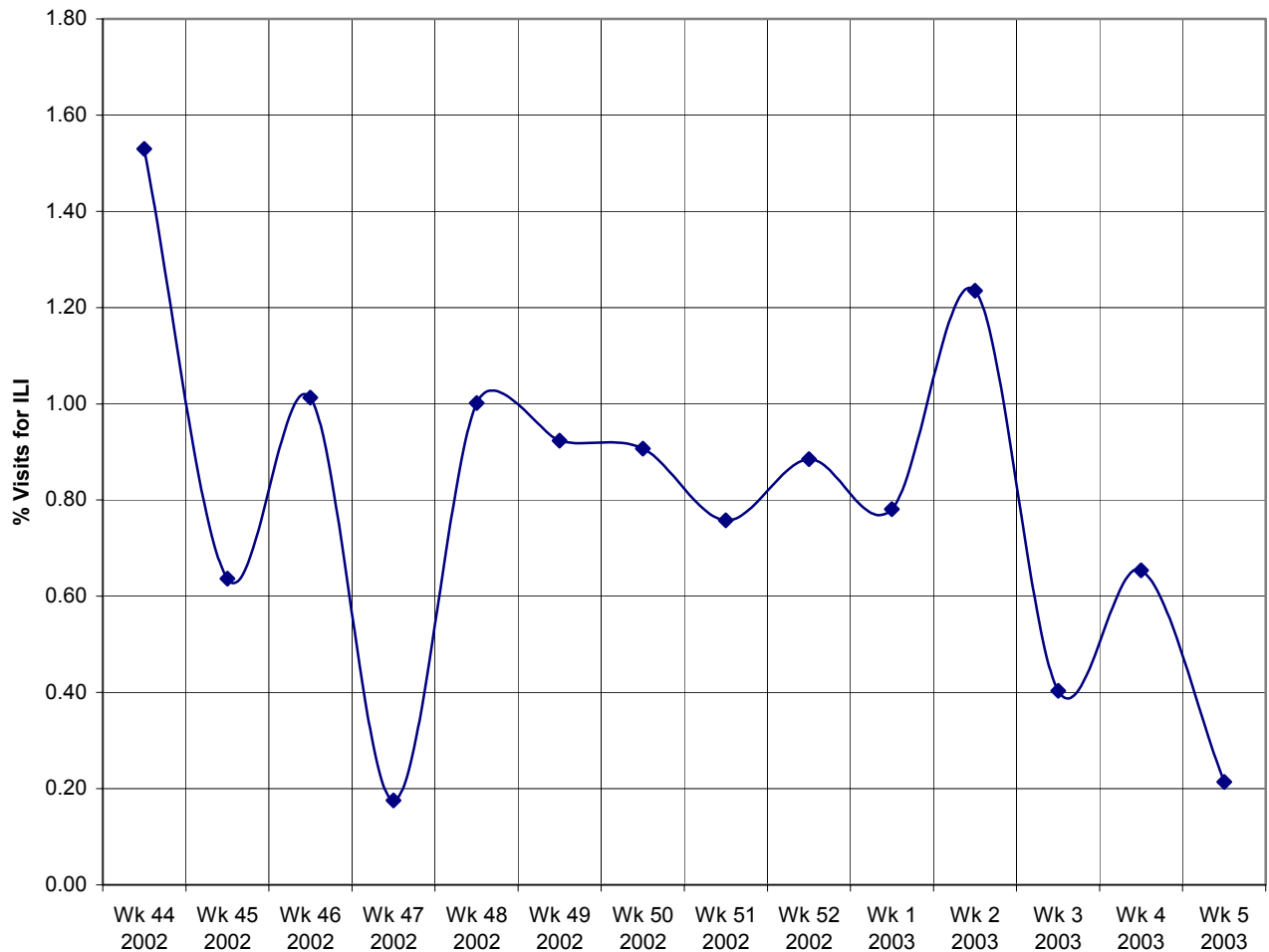
Overall Percentage of ER Visits for Influenza-like Illness, Maricopa County Summary 2002-2003



Percentage of ER Visits for Influenza-like Illness, Maricopa County Summary 2002-2003



**Percentage of ASU Student Health Center Visits for Influenza-like Illness, Maricopa County
Summary 2002-2003**



- * Reporting is incomplete for this week. Numbers may change as more reports are received.

** Influenza activity is defined as influenza-like illness and/or culture-confirmed influenza.

*** Surveillance Sources: **Hospitals, Emergency Departments** (Boswell, Chandler Regional, Del Webb, Desert Sam, Good Sam, JCL Deer Valley, JCL North Mountain,, MMC,, Maryvale, St. Joe's, St. Luke's, Scottsdale Osborne, Scottsdale Shea, T-Bird Sam, Valley Lutheran); **Cigna Health Care Facilities** (Sun City, The Pointe, South Mountain, Scottsdale, McDowell, Paradise Valley, Stapley, Paseo, Tempe, Westridge, Deer Valley, CJ Harris, Superstition Springs, North Valley, Chandler, Sub City West, AHC McDowell after Hour, AHC Stapley After Hour, AHC Paseo After Hour); **Long Term Care Facilities** (6): Christian Care, Cook Healthcare, Highland Manor, Life Care Center of PV, Life Care Center of Scottsdale, Sun Healthcare Center; **Schools** (21): Barry Goldwater High School, Chandler Unified, Dear Valley Unified, Dear Valley Desert Mountain, Dear Valley Hillcrest Middle School, Dear Valley Mirage Elementary, Gila Bend Unified, Legend Springs, Madison Middle School, Madison Richard Simis Elementary School,

Mesa Unified, Mesa Taylor Junior High School, Mesa Bush Elementary, Murphy Elementary, Paradise Valley Unified, Park Meadows Elementary, Tempe Elementary, Tempe Thew, Tempe Wood, Village Meadows. **ASU Student Health Center**

Report prepared: February 12, 2003